

# Senior Leadership Briefing

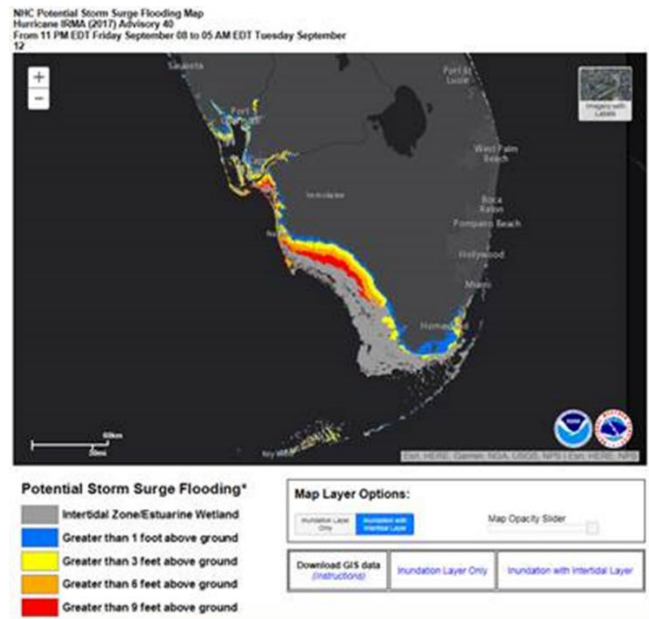
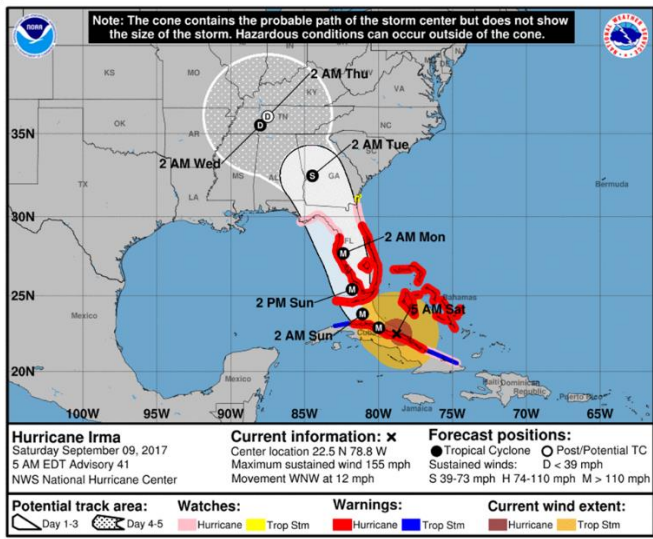
## Hurricane Irma

### Saturday, September 9, 2017 (5:00 a.m. EDT)

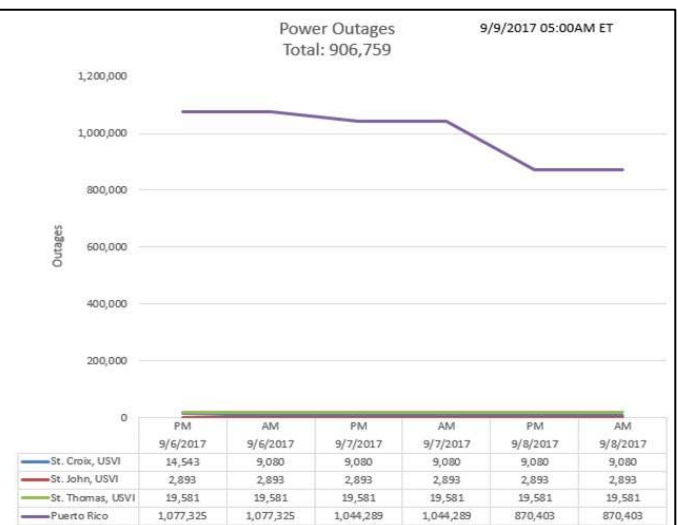
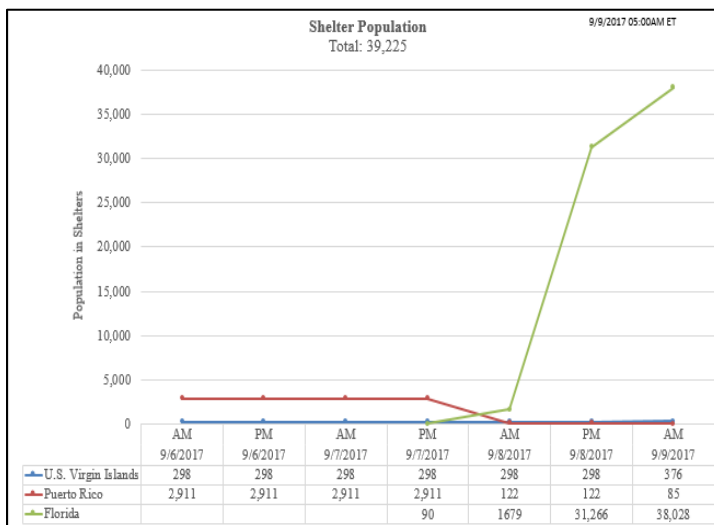
#### Updates in Blue

### Current Situation:

At 5:00 AM EDT, the eye of Hurricane Irma was located near latitude 22.5 North, longitude 78.8 West. Irma is moving toward the west-northwest near 12 mph, a turn toward the northwest is expected by late Saturday. Maximum sustained winds are near 155 mph (250 km/h) with higher gusts. Irma is a category 4 hurricane on the Saffir-Simpson Hurricane Wind Scale. Some fluctuations in intensity are likely during the next day or two, but Irma is expected to remain a powerful hurricane as it approaches Florida. Hazards from Hurricane Irma include widespread damaging winds, significant storm surge flooding, heavy rains capable of flash and river flooding, and isolated tornadoes (NOAA Update, September 9, 2017, 5:00 a.m. EDT)



### Impact Summary:



- U.S. Virgin Islands and Puerto Rico
  - Fatalities: four in U.S. Virgin Islands; one in Puerto Rico (Region II Update, September 8, 2017, 1:17 p.m. EDT)
  - Shelters:

- USVI (total): Six shelters open with a population of 298; communications down (*ESF 6 Update, September 8, 2017, 5:28 a.m. EDT*)
- PR Shelters: Eight shelters with 122 people (*ESF 6 Update, September 8, 2017, 5:28 a.m. EDT*)
- Critical Infrastructure:
- USCG conducted post-storm damage assessment overflight of PR and USVI, results showed significant debris blocking roads. Communications have been reestablished via satellite phone and email with USCG personnel that sheltered in place in St. Thomas and St. Croix (*USCG Update, September 8, 2017, 1:04 p.m. EDT*)
- Air:
  - All USVI airports are open, with the following exceptions: Virgin Gorda closed; V.C. Bird International, Vance Winkworth Amory, Robert L. Bradshaw International, St. Barthelemy, Princess Juliana International, and Grand Case airports closed in anticipation of Hurricane Jose (*FAA Update, September 9, 2017, 1:04 a.m. EDT*)
  - PR: San Juan Airport is open for all operations (*ESF-1 Update, September 8, 2017, 1:54 a.m. EDT*)
- Ports:
  - All PR and USVI ports open, with the following exceptions:
    - Open with restrictions:
      - PR: Guayama (only to tugs and barges, no ships >500, no deep draft), Mayaguez (daylight only), Culebra (daylight only)
      - St. Croix: Christiansted (daylight only)
      - St. John: Cruz Bay (daylight ferry traffic only)
      - St. Thomas: Redhook (daylight ferry traffic only)
    - Closed:
      - St. Croix: Frederiksted
      - All other St. Thomas ports (*USCG Update, September 9, 2:00 a.m. EDT*)
- Public Transit System: St Croix is providing only paratransit service, no fixed route service (*ESF-1 Update, September 9, 3:00 a.m. EDT*)
- Power Outages:
  - U.S. Virgin Island Water and Power Authority (WAPA) reporting all customers on St. Thomas (19,581) and St. John (2,893) without power (*DOE SITREP #29, September 8, 2017, 8:00 a.m. EDT*)
  - PR: Puerto Rico Electric Power Authority (PREPA) reported 870,403 (-128,213) outages (~55.4% of total customers, a decrease of 12.84%). Impacted areas: Caguas (216,363), San Juan (221,031), Bayamon (150,278), Arecibo (133,882), Mayaguez (53,685), Carolina (78,916), and Ponce (16,248) Regions. Total without power: 870,403 (*ESF 12 Update, September 8, 2012, 9:03 p.m. EDT*)
- Water: PR: 221,000 households and businesses without water; outages are suspected to be linked to power outages (*Region II SWEAT Report, September 7, 2017 11:47 a.m. EDT*)
  - Water restored at the St. Thomas EOC (*Region II Hurricane Irma Rolling Brief, September 8, 2017, 3:46 p.m. EDT*)
  - Teams are on the ground in USVI and PR assessing damage and timelines for restoration (*ESF 8, September 8, 2017, 9:45 a.m. EDT*)
- Fuel/Gas: As of September 6, St. Croix fuel supply was 13 days for diesel and 15 days for petroleum gas; St. Thomas fuel supply was 18 days for diesel and 20 days for petroleum gas; Region II is working on resupply options, but does not yet have estimate when resupply would occur (*ESF-12 Update; September 8, 2017, 4:00 p.m. EDT*)
- Shelters:
  - USVI: 6 shelters open with a population of 376 (two in St. John, two in St. Croix, two in St. Thomas)
  - PR: 5 shelters open with a population of 85 (*ESF-6 Update, September 9, 2017, 12:02 a.m. EDT*)
- Hospitals: 1 of 69 hospitals closed in PR; 25 hospitals working with electric generators (*ESF-8 Update, September 8, 2017, 11:55 a.m. EDT*)
- Roads:
  - PR: All interstates and major roads are open; damage assessments have begun (*ESF-1 Update, September 8, 9:07 p.m. EDT*)
- Transit:

- Ferries will resume service strictly for relief operations support to Vieques and Culebra, with three vessels; Culebra trips are limited to daylight hours only by the USCG
- Metropolitan Bus Authority (AMA) in full operation since morning, until 6 pm with the exception of one route
- **Florida**
  - Evacuations:
    - Status of evacuation routes:
      - All tolls and construction projects suspended statewide
      - FL Department of Transportation (DOT) beginning to implement hard shoulder as lanes on major northbound interstates in response to heavy congestion; currently not planning to implement contraflow traffic (*ESF-1 Update, September 9, 2017, 2:53 a.m. EDT*)
    - Mandatory full or partial evacuations in place for at least 19 counties, including South Bay, Lake Harbor, Pahokee, Moore Haven, Clewiston, Belle Glade, Canal Point, Brevard, Broward, Collier, Flagler, Glades, Hendry, Lee, Miami-Dade, Monroe, Palm Beach, Pinellas, and St. Lucie; additional evacuations are expected throughout the state
    - Voluntary full or partial evacuation in place for at least 5 counties: Charlotte, Hardee, Indian River, Manatee, Sarasota (*Florida Division of Emergency Management website, September 8, 2017, 4:15 a.m. EDT*)
  - Shelters: 250 shelters open with a population of 38,028 (*ESF-6 Update, September 9, 2017, 4:02 a.m. EDT*)
  - Critical Infrastructure
    - Airports:
      - An Airspace Coordination Area (ACA) for southern Florida has been issued and will become effective on September 9 at 3:00 p.m. EDT (*ESF-1 Update, September 8, 2017, 11:53 p.m. EDT*),
      - Closed: St. Petersburg/Clearwater International Airport (PIE); Key West (EYW) closed to air carriers through September 13; numerous additional closings in FL expected by end of day, September 9
      - Open with restrictions: Opa-Locka Executive (OPF) open but tower closed; (*ESF-1 Update, September 8, 2017, 11:53 p.m. EDT*)
    - Ports:
      - All ports in the Florida Keys are closed, as of September 8 at 3:00 p.m. EDT
      - Closed to inbound commercial traffic unless authorized by USCG: Miami, Port Everglades, Palm Beach, and Port Canaveral
      - Open and conducting port preparations: Panama City, FL, Pensacola, FL (*USCG Update, September 9, 2:00 a.m. EDT*)
      - Four commercial cruise ships planning to conduct passenger disembark operations over the next 36 hours in Port Canaveral and depart without passengers for storm avoidance; one has diverted to Port of New Orleans for passenger discharge; one has extended trip and arrival date (original date September 9) for storm avoidance; four will be postponed and remain in safe waters awaiting Port of Miami opening; Carnival Ecstasy will arrive in Charleston, SC on September 9<sup>th</sup> with approximately 3,100 passengers onboard (*USCG Update, September 9, 2:00 a.m. EDT*)
    - Bridges:
      - Moveable bridges have started locking down, and are closed for marine traffic (*ESF-1 Update, September 9, 12:58 a.m. EDT*)
      - FL Department of Transportation (DOT) has requested 150 structural engineers from Federal Highway Administration (FHWA) to perform bridge inspections on the 2,000+ structures in the state of Florida; FHWA's Florida Division and Headquarters is sourcing this request in advance of Irma (*ESF-1 Update, September 9, 1:01 a.m. EDT*)
    - Railways: All commercial and passenger rail providers have completed or in the process of stopping service and taking protective measures for their equipment (*ESF-1 Update, September 9, 2:51 a.m. EDT*)
    - Transit: Pinellas Suncoast Transit Authority (PSTA) (St. Petersburg, Pinellas County, FL) has begun relocating/parking of buses (*ESF-1 Update, September 9, 1:03 a.m. EDT*)
    - Power: DOE Argonne National Lab power outage prediction model estimates approximately 5,406,345 customer outages (approximately 50% of state) across Irma's path in FL (*ESF-12 Update, September 8, 2017, 2:00 p.m. EDT*)

- Hospitals: There are 13 hospitals in the evacuation zone. 3 hospitals are partially evacuated, 3 completely evacuated, and 4 sheltering in place. The remaining 3 hospitals, unable to contact and continuing to reach out to them for a status update *(ESF-8 Update, September 8, 2017, 9:00 a.m. EDT)*
- Schools: All public schools K-12, State Colleges, Universities and State Offices are closed in the state of FL *(Region IV update, September 8, 2017, 11:33 a.m. EDT)*
- **Georgia**
  - Evacuations:
    - The following counties are under mandatory evacuations: Bryan, Camden, Chatham, Glynn, Liberty, and McIntosh *(U.S. Census website and Region IV update, September 8, 2017, 1:21 p.m. EDT)*
    - Interstate-16 will be contra-flowed for evacuations (diverted to all westbound traffic) from Savannah westward at 08:00 a.m. on Saturday, September 9
    - Georgia DOT continues to monitor the northbound traffic flow from FL; traffic is heavy but moving, especially in the southern sections of I-75 and I-95
    - Construction activities suspended to facilitate evacuations *(ESF-1 Update, September 9, 2017, 2:43 a.m. EDT)*
  - Shelters: 10 shelters open with a population of 672 *(ESF-6 Update, September 9, 2017, 4:02 a.m. EDT)*
- **Seminole Tribe of Florida**
  - Emergency Declaration FEMA-3388-EM debris removal and emergency protective measures (Categories A and B), including direct federal assistance, under the Public Assistance program at 75 percent federal funding. *(FEMA email September 8, 2017 11:43 p.m. EDT)*
- **Alabama:**
  - Shelters: 1 shelter open with a population of 64 *(ESF-6 Update, September 9, 2017, 4:02 a.m. EDT)*
  - Evacuations:
    - Governor has not issued a general evacuation; potential evacuation effective Saturday, September 9 at 10:00 EDT, which would include contraflow on I-26 and suspension of tolls on the Cross Island Expressway
    - SC DOT is seeing heavy traffic flows on interstates coming out of Georgia. Traffic is congested (15-20 mph) on I-95 for approximately 20 miles into SC *(ESF-1 Update, September 8, 2017, 10:04 a.m. EDT)*
- **Tennessee:**
  - Shelters: 3 shelters open with a population of 12 *(ESF-6 Update, September 9, 2017, 12:02 a.m. EDT)*

## Declaration Activity:

State/Region	Declaration	Declared Counties	
<b>Region II</b>		IA	PA
U.S Virgin Islands	9/7: <b>DR-4335</b>	St. Thomas; St. John	All
Puerto Rico	9/5: <b>EM-3384</b>	-	-
<b>Region IV</b>		IA	PA
Florida	9/5: <b>EM-3385</b>	-	-
South Carolina	9/7: <b>EM-3386</b>	-	-
Georgia	9/7: EM-3387	-	30 counties
Seminole Tribe of Florida	9/8 EM-3388		Whole Tribe

*(Office of Response and Recovery Update, September 8, 2017, 11:00 p.m. EDT)*

## Federal Force Laydown:

Department/Agency	Personnel Deployed		Department/Agency	Personnel Deployed	
	IRMA	Delta		IRMA	Delta
FEMA – Deployed	1,199	(+460)	National Weather Service- NOAA	363	(0)
FEMA – Other Support	709	(-12)	National Guard	4243	(0)
Urban Search & Rescue	1,299	(0)	DOD – Title 10	2355	(0)
Health and Human Services	234	(-229)	General Services Administration	9	(0)
Department of Transportation	25	(+9)	U.S. Army Corps of Engineers	62	(0)
United States Coast Guard	57	(+57)	Department of the Interior	90	(-14)
DHS – NPPD*	5	(+5)	USDA - U.S. Forest Service	20	(-6)
Department of Energy	13	(+1)	Small Business Administration (SBA)*	0	(0)
US Department of Agriculture	5	(-1)	Transportation Security Administration	16	(-18)
Law Enforcement (ESF 13)	378	(+325)	Housing and Urban Development*	0	(0)
Customs and Border Protection	102	(0)	Department of State	0	(0)
Civil Air Patrol	47	(0)	Environmental Protective Agency (EPA)*	0	(0)
Immigration and Customs Enforcement	-	(-34)	<b>Total</b>	<b>11,231</b>	<b>(+543)</b>

\*Number of Personnel Unknown/Not Reported  
(Situational Awareness Info Analysis, September 9, 2017 4:40 a.m. EDT)

## FEMA Headquarters:

- National Response Coordination Center (NRCC) activated at Level I (24/7) (NRCC Update, September 8, 2017, 8:00 a.m. EDT)
- National IMAT-East 1 deployed to GA EOC (Daily Operations Brief September 8, 2017, 8:30am)
- National IMAT-East 2 deployed to FL EOC (Daily Operations Brief September 8, 2017, 8:30am)
- Personnel mobilization center established at Anniston, AL to mobilize FEMA responders (FOD update, September 9, 2017, 1:00 a.m. EDT)
- **Recovery:**
  - USVI: Total Individual Assistance registrations: 94 which is 0.7% of our total forecast and accounts for 0.2% of the total households in the disaster area (Pre-Processing and Referral Statistics, September 8, 2017, 11:03p.m. EDT)
  - Surge staffing continues for FEMA Strategic Workforce Augmentation Team (SWAT) for taking calls from three NPSCs, FEMA pop-ups, Headquarters, all FEMA Regions, and from home; 1,968 call center agents are expected to be online today (Recovery Contact Center Surge Staffing Timeline, September 7, 2017, 12:00 p.m. EDT)
  - 22 Disaster Survivor Assistance (DSA) cadre members in support Hurricane Irma (The Recovery Readiness Report, September 8, 2017, 11:58 a.m. EDT)
  - A new version of DisasterAssistance.gov launched September 7, this will serve as the primary to help disaster survivors post-disaster (Interagency VTC, September 8, 2017, 12:30 p.m. EDT)
- **Federal Insurance and Mitigation Administration**
  - Flood insurance Policies in Force in the projected path of Hurricane Irma: Total: Approximately 2.25 million (FIMA Update, September 8, 2017, 4:00 p.m. EDT)
- Mutual Aid: USVI, NC, SC, GA, and FL have active EMAC events open:
  - USVI: 1 request, 1 state supporting
  - FL: 54 requests, 20 states supporting
  - GA: 1 request, 1 state supporting
  - SC: 10 requests, 4 states supporting
  - NC: withdrew all 7 requests (EMAC SitRep #28, September 9, 2017, 1:00 a.m. EDT)
- Commodities at ISBs and Pre-Positioning Sites (PPOs):

### Commodities Staged in St. Thomas, USVI

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	1,082,944	93,940	1,048,518	0
Water (Liters)	54,000	48,600	0	0
Infants/Toddler Kits	70	0	84	0



### Commodities Staged in St. Croix, USVI

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	82,944	96,824	0	0
Water (Liters)	54,000	48,600	0	0

### Commodities Staged in St. John, USVI

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	20,736	20,160	0	0
Water (Liters)	18,000	18,000	0	0

### Commodities Staged in Puerto Rico

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Cots	2,000	2,100	0	2,100

### Commodities Staged in Florida

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	1,150	0	1,344	0
Water	960	0	936	370,581
CUSI	668	0	0	0

### Commodities Staged in Georgia

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	12,000,000	0	0	0

(ESF 7 Update, September 9, 2017, 4:30 a.m. EDT)

## FEMA Region I: RRCC at Level III (day shift only)

### FEMA Region II:

- RRCC at Level I day shift, Level II night shift, with ESF 1,3,8,12 & DCE at night (Region II SitRep., September 8, 2017, 4:48 p.m. EDT)
- FEMA Region II IMAT locations:
  - Region II IMAT: St. Croix, USVI
  - Region X IMAT: San Juan, PR (FOD Update, September 8, 2017, 1:00 a.m. EDT)
- Staff from the FEMA Caribbean Area Division in PR to provide support to Commonwealth and local officials
- **U.S. Virgin Islands:**
  - US Virgin Islands (USVI) is operating under a partial Activation. (Region II Hurricane Irma Rolling Brief, September 8, 2017, 3:46 p.m. EDT)
- **Puerto Rico:**
  - EOC at Level IV, full activation (Region II Watch Center, September 6, 2017, 3:00 p.m. EDT)
  - Puerto Rico Emergency Management Agency EOC is changing hours of operations to 0600-1400 EDT first shift and second shift from 1400-2200AST (Region II Hurricane Irma Rolling Brief, September 8, 2017, 3:46 p.m. EDT)
  - Governor submitted a major disaster declaration for Puerto Rico. (Region II update 12:30 Interagency Video Teleconference, September 8, 2017, 12:30 p.m. EDT)

### FEMA Region III:

- RRCC at Level III (day shift only, with select ESFs) (FEMA Region III Update, September 6, 2017, 3:17 p.m. EDT)
- [Region III IMAT at the VA EOC](#) (FOD Update, September 9, 2017, 1:00 a.m. EDT)
- VA Governor issued a declaration of a state of emergency for the Commonwealth of Virginia (FEMA Region III Update, September 8, 2017, 12:13 p.m. EDT)
- All Region III State EOCs are at normal operations (FEMA Region III Watch Update, September 8, 2017, 4:10 p.m. EDT)

## FEMA Region IV:

- RRCC at Level I (Full Activation) (*RRCC Update, September 8, 2017, 10:00 a.m. EDT*)
- Region IV IMAT 1 and N-IMAT East 2 at FL EOC; [N-IMAT East 1 at the GA EOC](#); Region IV IMAT-2 at SC EOC
- Region IV Liaison Officers (LNO) on site at EOCs in FL, GA, NC, and SC (1 each) (*Region IV, September 7, 2017, 1:42 p.m. EDT*)
- **Florida:**
  - EOC at Level I (Full Activation) (*Florida State Watch Office Morning Sit. Rep., September 7, 2017, 1:42 p.m. EDT*)
  - State of Emergency declared for 67 counties (*FEMA Region IV SITREP #1, September 5, 2017, 7:44 p.m. EDT*)
- **Seminole Tribe of Florida:** Level 2 (Partial Activation) all ESFs
  - [Emergency Declaration FEMA-3388-EM](#)
  - [Seminole Tribe in Florida specifically requested Bureau of Indian Affairs Law Enforcement support through FEMA. BIA will coordinate with DOI's Office of Law Enforcement and Security to fulfill the request](#) (*DoI Update, September 8, 2017, 11:42 p.m. EDT*)
- **Georgia:**
  - EOC at Level I
  - Governor revised state of emergency expanded to 94 counties (*Georgia Emergency Management and Homeland Security Agency, September 8, 2017, 4:08 p.m. EDT*)
- **Alabama:** Emergency Operations Center is currently operating at a Level 3. Signs are posted on highways entering Georgia from Florida, directly evacuees to shelters. Hotels in the southern counties are 100% full. (*Alabama Emergency Management Agency Update 12:30 Interagency Video Teleconference, September 8, 2017, 12:30 p.m. EDT*)
- **North Carolina:** Governor declared state of emergency, effective September 6; EOC at Monitoring Level (*NC Emergency Management, September 8, 2017, 5:00 p.m. EDT*)
- **South Carolina:** EOC at Full Activation (*Region IV SC LNO, September 8, 2017, 4:00 p.m. EDT*)
- **Tennessee:** Level IV (Monitoring) (*FEMA Region IV Update, September 6, 2017, 1:47 p.m. EDT*)

## Interagency Coordination/Response:

- **ESF-1: Transportation**
- **USVI:**
  - [Region II is coordination the evacuation of roughly 2,500 tourists \(1,000 STJ, 1,500 STT\) from the USVI.](#) (*Region II, Operations and Logistics call, September 9, 12:00 a.m. EDT*)
  - DHS waived the Merchant Marine Act of 1920 ("Jones Act") allowing international vessels to dock at American seaports. Acting DHS Secretary approved the request effective September 8 (*ESF 1 Update, September 8, 2017, 4:00 p.m. EDT*)
- **ESF-2: Communications**
  - High demand for MERS and Mobile Communications Office Vehicles (MCOV) assets and personnel while still resourcing Hurricane Harvey recovery; given high operational tempo, MERS is helping customers prioritize communications needs and coordinating with the National Guard for mission assignment requirements for Joint Incident Site Communications Capability (JISCC) packages for field site communications support (*ESF-2 Update, September 8, 2017, 1:56 p.m. EDT*)
  - ESF-2 working with Department of Defense to complete coordination of airlift of Maynard MERS communications assets and personnel to the islands; airlift has been delayed until September 9, due to change in desired support location of St. Thomas instead of PR (*ESF-2 Update, September 8, 2017, 1:42 p.m. EDT*)
  - USVI
  - The priority for the telecommunications industry partners in PR and St. Croix is refueling generators to keep cellular infrastructure operational, and to repair broken infrastructure as road access permits (*ESF-2 Update, September 8, 2017, 2:06 p.m. EDT*)
  - The focus for telecommunications industry in St. Thomas is restoration of the broadband network, as 75% of that network is underground fiber and is intact; towers and fixed infrastructure are beginning to be repaired today (*ESF-2 Update, September 8, 2017, 2:06 p.m. EDT*)

- St. Croix, St. John, and St. Thomas: Public Safety Answering Points (PSAP) are operational and 911 is functional for cellular and landline phones, however, there is no Automatic Number/Location Identification (ANI/ALI) *(ESF-2 Update, September 8, 2017, 1:42 p.m. EDT)*
- Cell Towers:
  - St. Croix: 25 of the 44 (57%) cell towers are in service *(ESF-2 Update, September 8, 2017, 1:23 p.m. EDT)*
  - St. John: 3 of the 12 (25%) cell towers are in service *(ESF-2 Update, September 8, 2017, 1:28 p.m. EDT)*
  - St. Thomas: 35 of the 79 (44%) cell towers are in service. Communication off the island remains sporadic, indicating possible switch outages *(NCCIC SitRep #2, September 8, 2017, 5:30 p.m. EDT)*
- PR
- Public Service Answering Points (PSAP) operational for landlines but without ANI/ALI, but 911 for cellular phones is not functional *(ESF-2 Update, September 8, 2017, 2:06 p.m. EDT)*
- 1,090 of the 1,753 (62%) cell towers are in service. Cell coverage in PR is functional, however, 20% of the operational towers are on backup power and will require refueling in the next 1 to 2 days *(NCCIC SitRep #2, September 8, 2017, 5:30 p.m. EDT)*
- CONUS:
- MERS and MCOV have deployed to support FEMA IMAT, US&R, ESF-8 NDMS, and ISB teams; MERS assets on site in VA, NC and FL and en route to GA and SC. MCOV teams are en route to SC and GA *(MERS Update, September 8, 2017, 4:00 p.m. EDT)*
- **ESF-3: Public Works and Engineering**
  - ESF-3 met requests from VA, NC, SC, GA, and FL for debris subject matter experts (SMEs), Management Cell, temporary power SMEs, and public affairs *(ESF 3 Update, September 7, 2017, 2:52 p.m. EDT)*
  - USVI
    - 8 of 11 requested generator installations assessments completed one of which was a water treatment plant, to determine size requirements for generators *(ESF-3 Update, September 8, 2017, 12:53 p.m. EDT)*
    - Advanced Echelon (ADVON) Teams in St. Croix are conducting inspections in St. Thomas, by rotary wing *(ESF-3 Update, September 8, 2017, 12:53 p.m. EDT)*
    - One USACE Power Team (12 personnel) deployed to USVI *(ESF 3 Update, September 7, 2017, 11:00 p.m. EDT)*
  - PR
    - Debris assessments in process *(ESF 3 Update, September 7, 2017, 12:27 p.m. EDT)*
    - One facility assessment completed to assess critical public facilities to determine size requirements for generators *(ESF-3 Update, September 8, 2017, 1:45 p.m. EDT)*
    - One USACE Power Team (12 personnel) deployed to PR *(ESF 3 Update, September 7, 2017, 11:00 p.m. EDT)*
  - CONUS
    - Blue Roof Mission: two roofing SMEs in Tallahassee performing preliminary planning , in coordination with FEMA and state partners, to execute mission post land fall *(ESF-3 Update, September 9, 2017, 5:27 a.m. EDT)*
    - Lake Okeechobee: USACE stopped releasing water to avoid potential flooding downstream *(ESF-3 Update, September 8, 2017, 1:30 p.m. EDT)*
- **ESF-4: Firefighting**
  - One All-Hazard Incident Management Team (IMT) arrived, September 9 at Moody Air Force Base (AFB), Valdosta, GA supporting ESF#13 Law Enforcement Base Camp; Moody AFB may be impacted by storm *(ESF#4 Update, September 9, 2017, 1:10 a.m. EDT)*
  - One Type III IMT at Joint Base McGuire-Dix-Lakehurst (JBMDL), NJ established an ISB to support response efforts in USVI *(ESF-4 SitRep, September 8, 2017 11:07 a.m. EDT)*
- **ESF-5: Information and Planning**
  - The US Geological Survey has total water level forecasts available and is updating coastal change forecasts based on NOAA storm surge forecasts for the Atlantic coastline from South Florida to the Outer Banks. Forecasts indicate potential for widespread dune erosion and areas of dune over wash. The USGS Geospatial Incident Response Team has established an Event Support Mapper to aid with disaster efforts *(DoI Update, September 8, 2017, 11:42 p.m. EDT)*



- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
  - USVI:
    - Continuing challenges getting shelf-stable meals and supplies to St. Thomas due to debris.
    - USVI Dept. of Education reporting damage to St. Thomas school food service warehouse where frozen foods are stored. Status of warehouses where non-perishable foods are kept on St. Thomas and St. Croix unknown *(Mass Care Update, September 9, 2017, 1:00)*
  - American Red Cross
    - 1,080 staff on the ground, 373 en route, and filling requests for 3,051.
    - Thirty-Seven (37) American Red Cross staff awaiting FEMA assistance in traveling to USVI. RII resource support is coordinating transportation requirements.
    - Collaborating with Southern Baptist to identify sites for mobile and fixed kitchen sites
    - One Hundred Twenty (120) Emergency Response Vehicles en route for Irma
    - FL Shelters opened along evacuation routes *(Mass Care Update, September 9, 2017, 1:00)*
  - The Salvation Army
    - USVI:
      - Disaster relief workers trying to coordinate travel from St. Croix to St. Thomas with local ferries and/or Mercy Ships
      - Arranging for generators, satellite phones and other supplies to be shipped with FEMA support
    - PR: 200 cleanup kits for distribution and providing feeding in two communities
    - CONUS: Supporting feeding operations at 18 locations in GA, two locations in AL *(Mass Care Update, September 9, 2017, 1:00)*
  - National Voluntary Organizations Active in Disaster (NVOAD):
    - AmeriCares positioned insulin at partner health clinic in central FL; additional medicine ready to ship after the storm passes
    - Volunteer Florida activated call center to manage offers of volunteers and donations. It will manage Florida Disaster Fund (FL official private fund for disaster recovery) *(Mass Care Update, September 9, 2017, 1:00)*
    - Information about volunteering and donating available at [www.nvoad.org](http://www.nvoad.org) *(NVOAD website, September 9, 2017 4:25 a.m.)*
- **ESF-7: Logistics Management and Resource Support**
  - Barge and USS Wright will arrive by September 15 with 1 million meals and 1.7 million liters of water *(ESF-7 Update, September 8, 2017, 2:15 p.m. EDT)*
  - Increasing commodity capacity at Incident Support Bases (ISBs) Maxwell AFB, AL, Fort Bragg, NC, Fort AP Hill, VA and Groveland, FL
  - Prestaging 25 trailers of meals, 25 trailers of water, and 5 generator packs at Groveland staging area outside Orlando, FL
  - Coordinating movement of life sustaining commodities to PR and USVI for Hurricane Irma post land fall
  - Shipping 1,700,000 liters of water from staging area Joint Base McGuire–Dix–Lakehurst to San Juan, PR via sea lift arriving September 15
  - Procuring 250 infant and toddler kits for delivery to PR, estimated arrival time currently unavailable *(ESF-7 Update, September 8, 2017, 3:20 p.m. EDT)*
- **ESF-8: Public Health and Medical Services**
  - PR capable of handling the additional dialysis patients being relocated from USVI. *(Region 2 email, September 9, 2017, 1:11 a.m.)*
  - Eight fixed wing air ambulances are supporting PR and USVI
  - Schneider Regional Hospital in St. Thomas USVI requires evacuation, currently sheltering place. 40 inpatients need to be relocated to the center of the third floor (ground floor severely damages, 2nd floor flooding) *(ESF-8 Update, September 9 2017, 2:35 a.m. EDT)*
  - Two Disaster Medical Assistance Teams (DMAT) teams en route from PR via DoD via Department of Defense assets *(ESF-8 Update, September 8, 2017, 4:00 p.m. EDT)*
  - An Incident Response Coordination Team (IRCT) is in San Juan, PR to manage deployed assets.
  - Two DMATs staging in San Juan, PR *(ESF #8 Update, September 9 2017, 1:10 a.m. EDT)*
  - CONUS:

- There are 297 healthcare facilities in the evacuation zone, 32 evacuated (ESF-8 Update, September 8, 2017, 11:55 a.m. EDT)
- FL 20 ambulances are stationed at Manatee Memorial Hospital and are evacuating patients. (ESF-8 Update, September 9 2017, 2:35 a.m. EDT)
- GA: 3 DMATs are staged in Atlanta, GA and one IRCT in Valdosta GA. (ESF-8 Update, September 9 2017, 2:35 a.m. EDT)
- **ESF-9: Search and Rescue**
  - Search and Rescue teams deployed:
    - Red Incident Support Team (IST) activated to stage in CONUS for PR/USVI
    - IST-Advance element and VA-TF2 operational in PR
    - Additional resources (additional VA-TF2 personnel; VA-TF1 & NY-TF1 as type 1 task forces; and five Mission Ready Packages) deploying to the USVI.
    - Region IV requested 12 NIMS type 1 US&R task forces and three Hazardous Materials Equipment Push Packages (HEPPs) activated to stage in either FL or GA. (ESF 9 Update, September 8, 2017, 3:00 p.m. EDT)
  - USCG cutters on station to carry out storm avoidance (USCG Update, September 8, 2017, 4:00 p.m. EDT)
  - Air Station Savannah, GA has three rotary wing assets, USCG Air Station Clearwater has eight rotary wing assets and three fixed-wing assets (HC-130), USCG Air Station Miami has four rotary wing assets and four fixed-wing assets (HC-144), USCG Jacksonville has six rotary wing assets and Air Station Borinquen, PR has five rotary wing assets (ESF-9 Update, September 7, 2017, 1:26 p.m. EDT)

**Hurricane Irma**  
**FEMA Urban Search and Rescue Resource List**

09/08/17 08:30

TF	Type	# Persons	Location	Status
Red IST*	IST	76	St Augustine, FL	IST
IST Ground Support	Oth	8	St Augustine, FL	IST Support
IST Advance	IST	14	Puerto Rico / USVI	Conducting Operations
LNO	Oth	2	RegionII RRCC - Colts Neck NJ	Coordination
LNO	Oth	2	Region IV RRCC - Atlanta, GA	Coordination
LNO	Oth	2	FL State EOC - Talahassee, FL	Coordination
VA-TF2	1**	61	Puerto Rico / USVI	Conducting Operations
VA-TF1	1	80	Puerto Rico / USVI	Awaiting Flight
NY-TF1	1	80	Puerto Rico / USVI	Awaiting Flight
PA-TF1	1	80	Warner Robbins AFB	Staging
NV-TF1	1	80	Warner Robbins AFB	Enroute
WA-TF1	1	80	Warner Robbins AFB	Enroute
TN-TF1	1	80	Warner Robbins AFB	Staging
AZ-TF1	1	80	MCLB Albany	Enroute
CO-TF1	1	82	MCLB Albany	Staging
CO-TF1	HEPP	4	MCLB Albany	Staging
CA-TF1	1	80	Moody AFB	Staging
CA-TF4	1	80	Moody AFB	Staging
IN-TF1	HEPP	4	Moody AFB	Staging
CA-TF3	1	80	Eglin AFB	Enroute
CA-TF8	1	80	Eglin AFB	Enroute
NE-TF1	1	80	Eglin AFB	Enroute
NJ-TF1	1	80	Eglin AFB	Enroute
MD-TF1	HEPP	4	Eglin AFB	Staging

Total 1299

1 NIMS Type 1 US&R Team / 1\*\* is Modified Type I with 61 persons

3 NIMS Type 3 US&R Team

HEPP HazMat Equipment Push Package

\* Includes FEMA Contracting Officer and ESF-9 Group Supervisor

(USCG Update, September 8, 2017, 8:30 p.m. EDT).

- **ESF-10: Oil and Hazardous Materials Response**

- USVI/PR:
  - US Coast Guard conducting overflights in the vicinity of PR today, September 9, assessing pollution response needs *(USCG update, September 9, 2017, 2:00 a.m. EDT)*
- CONUS:
  - USCG 18 National Strike Force personnel supporting the response to Hurricane Irma; five deployed to assist USCG District 7 in St. Louis (relocated from Miami), two to Tallahassee and Atlanta supporting FEMA National IMATs, four assisting USCG personnel in Miami, and seven deployed to San Juan conducting pre-storm and post-storm assessment and supporting the local USCG incident management team *(USCG update, September 9, 2017, 2:00 a.m. EDT)*

- **ESF-11: Agriculture and Natural Resources**

- USVI
  - There are approximately 95 National Register of Historic Places sites located within the US Virgin Islands. *(ESF#11, SitRep, September 8, 2017, 4:58 p.m. EDT)*
  - No power at 6 DOI facilities; All personnel are accounted for at those locations *(DoI Update, September 8, 2017, 11:42 p.m. EDT)*
  - PR: ESF-6 coordinating with ESF-11 concerning potential need for technical assistance on carcass disposal options if requested from PR *(Mass Care Update, September 9, 2017, 1:00)*
- CONUS:
  - FL: Florida Parks: The majority of parks in Florida are closed *(DoI Update, September 8, 2017, 11:42 p.m. EDT)*
    - USDA has an animal technical specialist at the Florida State EOC to support pet and animal response *(Mass Care Update, September 9, 2017, 1:00) ESF-6*
    - There are a significant amount of threatened and endangered species located in the counties of: St. Lucie, Martin County, Hendry, Lee, Collier, Brevard, and Flagler *(ESF 11 Update, September 8, 2017, 3:14 p.m. EDT)*
    - National Animal Rescue and Sheltering Coalition (NARSC) supporting animal transports, animal sheltering, and staging animal rescue teams to support Florida, Georgia, and other states affected by Irma
    - USDA is evacuating coastal animal shelters from inland FL *(ESF-11 update, September 8, 2017, 12:10 p.m. EDT)*

- **ESF-12: Energy**

- USVI
  - Anticipating Hurricane Jose, Virgin Islands Water and Power Authority (VIWAPA) is balancing restoration with planning for the next storm
  - Priority restoration of power for the airport, hospital and adjacent buildings on St. Thomas has begun; restoration of the airport will provide power to VITEMA
  - Randolph Harley Power Plant on St. Thomas has two generators for backup. One of those units is being repaired; the other is in nonworking condition. Power will not be restored to the airport until at least one of the generators has been fixed, assessments are still ongoing
  - All underground feeders on the island of St. Croix operational; restoration efforts continuing *(ESF 12 Update, September 8, 2017, 4:00 p.m. EDT)*
- PR: DOE is working with the utilities, the Electricity Sub-Sector, FEMA, and other interagency partners facilitating the movement of mutual aid crews to the island *(ESF 12 Update, September 8, 2017, 4:00 p.m. EDT)*
- CONUS:
  - FEMA will facilitate communications with International Atomic Energy Association (IAEA), using the Unified System for Information Exchange in Incidents and Emergencies (USIE) notification starting September 9, 2017 *(FEMA Spot Report, September 8, 2017, 2:30 p.m. EDT)*
  - Florida Power and Light announced that Turkey Point and St. Lucie nuclear power plants (NPPs) in Florida will be preemptively shut down at 5:00 a.m. in advance of Hurricane Irma's arrival on Saturday, September 9.
  - Prior to the onset of tropical storm force winds, three inspectors are on-site and will remain at Turkey Point and two at St. Lucie. They will all remain onsite throughout the duration of the storm. If hurricane force winds are projected onsite, safety shutdown procedures are in place *(ESF 12 Update, September 8, 2017, 4:00 p.m. EDT)*

- Georgia, North Carolina and South Carolina reactors are at full power; storm preparations initiated (ESF 12 Update, September 8, 2017, 2:18 p.m. EDT)
- **ESF-13: Public Safety and Security**
  - USVI: Two Federal Bureau of Investigation Quick Response Teams (QRTs) (25 federal law enforcement officers each) supporting ESF-8 and ESF-9 operations on St. Thomas and St. John
  - PR: Two QRTs (Immigration and Customs Enforcement and US Forest Service) are in Puerto Rico
  - CONUS: Eight QRTs (200 FLEOs), three mobile bunk houses, and two mobile command vehicles will stage at Moody Air Force Base by September 10. Eight additional QRTs will be on stand-by at their home base (ESF#13 Update, September 8, 2017, 10:00 p.m. EDT)
- **ESF-15: External Affairs**
  - USVI: Social Media: Many USVI residents are urging others not to forget about Irma's impacts on USVI, especially with the incoming threat of Hurricane Jose (ESF-15 update September 8, 2017, 9:42 p.m. EDT)
  - Florida
    - Continuing to provide information and support to Seminole Tribe, Miccosukee Tribe, Catawba Indian Nation (SC), and Eastern Band of Cherokee (NC). Regional tribal liaison coordinating with state to ensure fuel supplies are available as evacuation routes cross tribal lands (ESF-15 update September 8, 2017, 8:19 p.m. EDT)
    - Social media accounts and disaster assistance graphics provided to community partners to amplify messaging on accessing disaster resources; three Spanish-translated advisories provided to IGA stakeholder organizations (ESF-15 update September 8, 2017, 8:19 p.m. EDT)
    - NBOEC addressed multiple requests regarding re-entry transportation waivers for the states GA, SC, FL, NC (ESF-15 update September 8, 2017, 9:05 p.m. EDT)
  - Social Media Conversation
    - Reports of Florida shelters at capacity continue. Social media users actively trying to help each other find open shelter locations. Additional shelters are still being opened and announced
    - Uncertainty about which areas may see the worst impacts is causing widespread confusion and debate about who should stay at home and who should evacuate
- **U.S. Coast Guard**
  - Extensive pre-storm arrival preparations to safeguard USCG personnel and their families along with ensuring our ability to respond throughout the impacted area continue from the Caribbean to the southeast and mid-Atlantic region; USCG cutters and aircraft in these areas are being moved for storm avoidance that will enable maximizing post-storm response capability
  - USVI/PR:
    - Communications with USCG personnel stationed in St. Thomas & St. Croix are currently via satellite phones or email, and remain limited until cell towers and power availability is reconstituted
    - USCG continues to coordinate helicopter and boat transport of personnel to St Thomas for damage assessment and response needs; USCG LNO familiar with PR/USVI operations will arrive in theater today and embark tonight to support the USS Kearsarge to integrate Coast Guard and Department of Defense air, surface and logistics efforts (USCG Update, September 9, 2017, 2:00 a.m. EDT)
    - USCG search and rescue communications sites inoperable in St. Thomas and St. Croix
  - CONUS: USCG staged two mobile communications vehicles and additional portable communications equipment in Birmingham, AL, with USCG's enhanced mobile incident command post en route to staging area arriving September 10 (USCG Update, September 8, 2017, 12:14 p.m. EDT)
- **U.S. Department of Defense (DoD)**
  - US Northern Command (USNORTHCOM):
    - Commander Task Force 89 (CTF-89), with USS Kearsarge and USS Oak Hill, have arrived on station and are prepared to support operations in the USVI. (DoD Update, September 9, 2017, 1:00 a.m. EDT)
    - USS Kearsarge has the maximum capacity to produce 200,000 gallons of water per day. It's also carrying 2 Lightweight Water Purification Systems and 2 Tactical Water Purification Systems, which can produce an additional 2,250 gallons per hour (DoD LNO Update, September 8, 2017, 10:15 a.m. EDT)

- USS Iwo Jima (LHD-7), USS New York (LPD-21) and USS Abraham Lincoln (CVN-72) departed Norfolk September 8 in support of Irma, but must make course adjustments due to Hurricane Jose *(DoD LNO Update, September 8, 2017, 10:15 a.m. EDT)*
- The Joint Airfield Assessment Team arrived in St. Croix September 7 and anticipating the rest of JTF Port Opening to arrive in the near future; the remainder of the team is awaiting transport
- Marine Corps Logistics Base in Albany, GA added as an ISB/FSAs in preparation for Hurricane Irma; total ISBs in support of Irma is now eight
- Defense Support of Civil Authorities Category I, II and III SAR forces, strategic and vertical lift, planning, communication and medical capabilities placed on prepare to deploy order to facilitate a timely response following Irma's CONUS landfall *(DoD Update, September 8, 2017, 1:55 p.m. EDT)*
- Defense Logistics Agency (DLA):
  - [Received Mission Assignment \(MA\) for \\$59M to deliver 1.2 M meals a day for 10 days starting September 11, to Maxwell AFB, AL](#) *(DoD Update, September 9, 2017, 1:00 a.m. EDT)*
  - [Amended MA funding to deliver and distribute gasoline and diesel from \\$1.2M to \\$18M](#)
  - Increased funding to deliver and distribute gasoline and diesel from \$1.2M to \$18M [Warner Robins AFB, GA](#)
  - DLA delivering 1.2M meals a day for 10 days starting September 11 to Maxwell AFB, AL
  - Received \$19M to lease up to 51 generators *(DoD Update, September 8, 2017, 1:55 p.m. EDT)*
- US Transportation Command (USTRANSCOM):
  - C-17 aircraft arrived at St. Croix on September 7; Joint Assessment Team (JAT) and aeromedical evacuation (AE) staging capability; Critical Care Air Transport Team (CCATT) is on the ground *(DoD Update, September 8, 2017, 1:38 a.m. EDT)*
  - TRANSCOM provided strategic lift for FEMA Urban SAR teams (VA-Task Force 2) *(DoD Update, September 8, 2017, 1:55 p.m. EDT)*
- Civil Air Patrol (CAP):
  - [CAP has one aircraft operating out of San Juan, PR conducting photo imagery flights over St. Thomas USVI.](#) *(DoD Update, September 9, 2017, 1:00 a.m. EDT)*
  - CAP relocating two additional Cessna 182 crews from the mainland, estimated time of arrival in PR of 4:00 p.m., September 8, 2017, and expects to be operational on September 9 for a total of three aircraft for imagery flights *(DoD Update, September 8, 2017, 1:55 p.m. EDT)*
- **National Guard**
  - USVI:
    - [Joint Expeditionary Team \(JET\) experiencing communications breakdown on landlines and network.](#) *(National Guard Update, September 8, 2017, 12:59 p.m. EDT)*
    - Personnel on duty: 257 Army National Guard, 26 Air National Guard, 22 Army National Guard via EMAC, and 2 Air National Guard via EMAC for a total of 307 on State Active Duty
  - PR:
    - [Joint Operations Center communications are only available between 0600-2200 hours.](#) *(National Guard Update, September 8, 2017, 12:59 p.m. EDT)*
    - [Additional NGB JET personnel departing within next 24h. 470 troops available for immediate response with an additional 4,500 available for employment.](#) *(National Guard Update, September 8, 2017, 12:59 p.m. EDT)*
    - Personnel on duty: 100 Army National Guard, 12 Air National Guard, and 12 Air National Guard via EMAC for a total of 124 on State Active Duty. The entire Puerto Rico Army National Guard is on Drill Status for Irma Recovery Operations (approximately 4,900 personnel)
  - CONUS :
    - [Joint Operations Center established at Camp Blanding pending track of Irma](#) *(National Guard Update, September 8, 2017, 12:59 p.m. EDT)*
    - Personnel on duty: 3,691 Army National Guard, 71 Air National Guard, and 50 Air National Guard via EMAC for a total of 3,812 of mobilized support.
    - Approximately 7,000 FL National Guard personnel will be conducting their monthly scheduled training on Saturday and Sunday and conducting preparation activities throughout the state. They will be ready to mobilize after completion of scheduled monthly training *(National Guard Update, September 8, 2017, 12:38 p.m. EDT)*

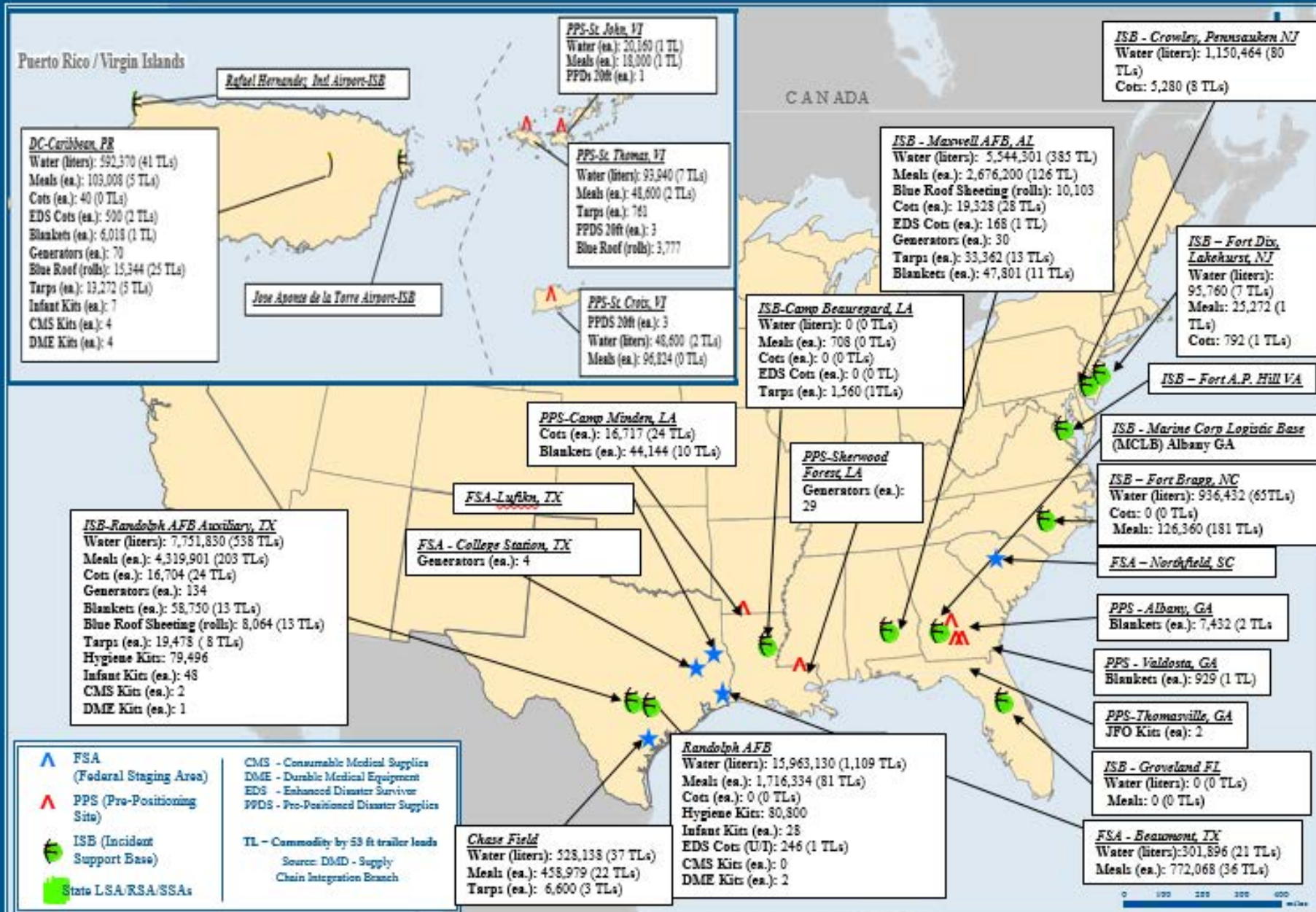


- **U.S. Department of the Interior (DOI)**
  - **USVI:**
    - No requests for food disaster assistance received
    - USVI (and PR and all states) have the authority to use USDA foods currently in schools and warehouses, without making a request to USDA, for up to 30 days *(ESF 11 Update, September 9, 2017, 12:07 a.m. EDT)*
    - Department of the Interior is working with FEMA and other Federal agencies to identify additional subject matter experts *(ESF 11, SitRep, September 8, 2017, 4:44 p.m. EDT)*
    - The Office of Insular Affairs reports that Secretary Zinke has authorized the release of the rum excise tax payment to the U.S. Virgin Islands, totaling \$223M, to assist with response and recovery efforts
    - FEMA approved NPS helicopter transport to deliver emergency personnel and supplies to Saint John (VIIS). 12 personnel, to include a US Public Health Services official specializing in water treatment, arrived September 8 to clear the roads for emergency services and conduct assessments.
    - St. Croix: Staff will deliver emergency supplies to St. John and conduct additional evacuations via a concessionaire's vessel today pending port approval. Christiansted National Historic Site is closed with an anticipated reopening date of September 11, pending electrical power restoration
    - USVI National Park: FEMA is coordinating with local assets to move a 13 person NPS debris clearance and initial assessment team from San Juan to Saint John. The team will transport supplies and deliver critical parts to equipment to enable access to impacted areas *(DoI Update, September 8, 2017, 11:42 p.m. EDT)*
  - **CONUS:** The National Park Service (NPS) is staging a Type 2 Incident Management Team in Atlanta, GA to manage all Irma activities, including damage assessment coordination and resource requirements *(DoI Update, September 8, 2017, 11:42 p.m. EDT)*
- **Department of State (DoS)**
  - DOS task force is coordinating efforts to assist American citizens on St. Martin; DOS created two websites to assist American citizens. *(DOS email, September 9, 2017, 3:33 a.m. EDT)*



# FEMA Logistics Pre-Positioned Sites - CONUS Commodities as Reported 9/9/2017 - 05:00 EDT

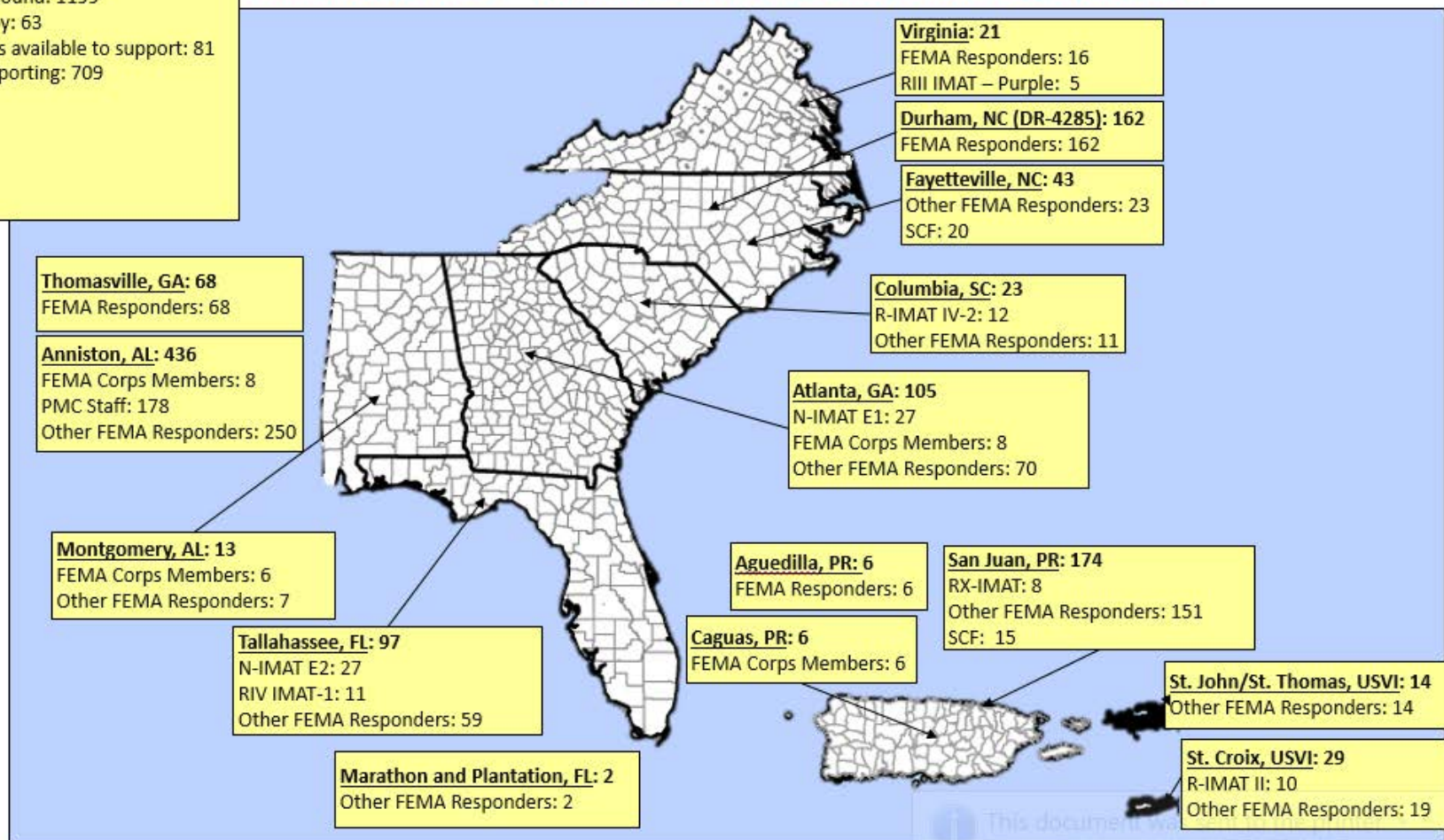
Logistics



### Total FEMA Supporting Hurricane Irma Actions

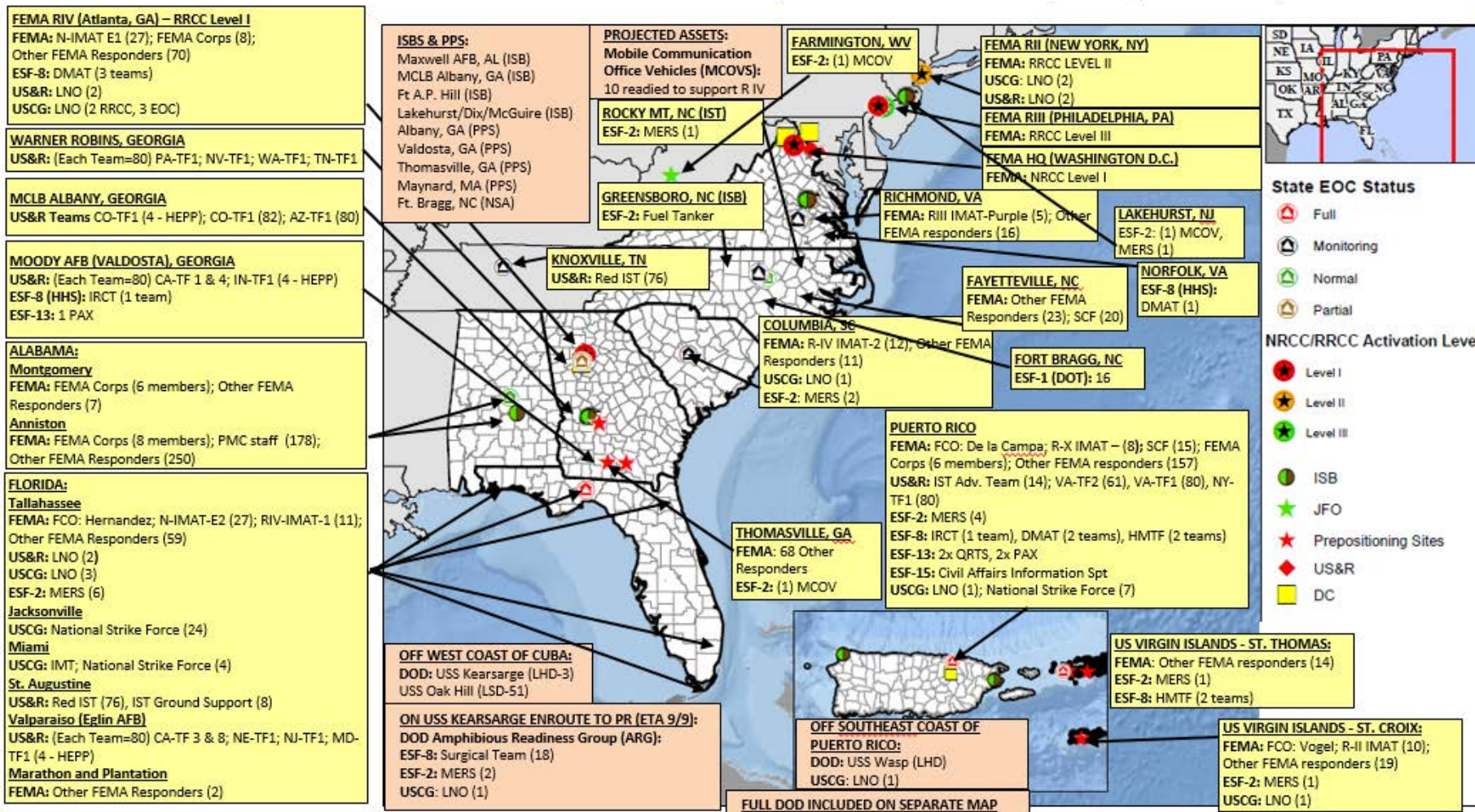
Responders on the Ground: 1199  
 FEMA Staff on Standby: 63  
 FEMA Corps Members available to support: 81  
 Other FEMA staff supporting: 709  
 R1 RRCC: 13  
 R2 RRCC: 98  
 R3 RRCC: 76  
 R4 RRCC: 142  
 NRCC: 380

### Hurricane Irma – FEMA Responder Laydown (as of Sep 9, 2017 0100)





# Hurricane Irma – Federal Force Laydown & Assets (as of Sep 9, 2017 0500)







1-10 numbers reflect  
What is in OCONUS and  
CONUS

Aircraft totals		
A/C	10W	11W
T10	38	14
NG	17 +	3 +
T-ANG (Capabilities PTD)	5 +	4 +
Total	60 +	19 +

Ships			
Name	Navy	DOI	lit
LPD-21	0	0	1
LHD-7	0	0	1
CVN-72	0	0	1
Total	0	0	3

THO
  NG
  CONST GUARD
  USACE
  DLA

— JOA  
 — NOM / INCOM JOA  
 Changes in Red

☐ Deployed  
☐ Prepared to Deploy

NORAD and  
USNORTHCOM

International

UNCLASSIFIED//FOUO

As of: 072330Z SEP 17 v1.2 (Draft)

Ref: NGB CSG Briefing: 07SEP, ARNORTH CUB 07 SEP,  
MARFORNORTH CUB 07 SEP, NAVNORTH SCUB 07 SEP, N-NC J4  
Mission Tracker 041840Z, DOD STRAT LIFT 05 Sep, FEMA SLB 07 Sep;  
T1ELCC Sincronized 083100Z

2100Z  
We Have The Watch



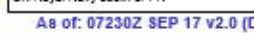


## Personnel

1-10 numbers reflect  
What is an OCONUS  
and CONUS

Aircraft Totals**Ship Totals**

Name	Marry	DOG	100
LMD-3	0	0	1
LSD-51	0	0	1
LMD-1	1	0	0
Total	1	0	2



UNCLASSIFIED//FOUO

Ag of: 072307 SEP 17 v2.0 (Draft)

Ref: NGB CEG Briefing: 07SEP, ARNORTH CUB 07 SEP,  
MARFORNORTH CUB 07 SEP,NAVNORTH SCUB 07 SEP, N-NC J4  
Mission Tracker 041840Z, 000 STRAT LIFT 09 Sep, FEMA SLB 07 Sep  
JIFLOC Storyboard 082100Z

NORAD and USNORTHCOM

## We Have The Watch

**Recovery Snapshot**  
**Post-Tropical Cyclone Harvey**  
**Saturday, September 9, 2017 (5:00 a.m. EDT)**  
**Updates in Blue**

**Current Situation:**

Region VI RRCC transitioned to Enhanced Watch September 8, 5:00 p.m. EDT *(RRCC update, September 8, 2017, 12:45 p.m. EDT)*

**Housing**

- Clean and Removal Assistance (CRA) under the Individuals and Households Program has been authorized for all designated counties in the State of Texas for eligible homeowners *(Memorandum, Clean and Removal Assistance Authorization Request for FEMA-4332-DR-Texas, September 8, 2017)*

- FEMA Individual Assistance** *(RRCC update, September 8, 2017, 12:45 p.m. EDT)*

Individual Assistance <i>(as of 09/8/2017, 3:41 p.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance	Other Needs Assistance
Texas	673,998	\$242,860,550	\$129,518,307	\$113,342,243

- FEMA Inspections**

Housing Inspections <i>(as of 09/8/2017, 3:41 p.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	1,639	232,641	66,807	28.7%

- Transitional Shelter Assistance**

Transitional Sheltering Assistance <i>(as of 09/8/2017, 3:41 p.m. EDT)</i>		
State	Currently Checked In to Hotel	Currently Eligible
Texas	20,634	270,216

- Shelter Population**

Sheltering Information <i>(as of 09/8/2017, 3:41 p.m. EDT)</i>			
State	Total Shelters	Total Population	Source
Texas	90	16,302	State of TX Report
Louisiana	5	136	FEMA NSS

- National Flood Insurance Program Claims Estimates**

NFIP Claims Estimate <i>(as of 09/8/2017, 3:41 p.m. EDT)</i>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	81,000	\$101.9 M

- Housing Programs**

SBA Home Loans <i>(SBA Email Update, September 8, 2017, 12:00 p.m. EDT)</i>				
State	Applications Received	Applications Approved	Loan Dollars Approved	Average Loan Amount
Texas	11,457	647	\$58,652,000	\$90,652

## Infrastructure Systems

- **Preliminary Damage Assessments:** 32 Public Assistance (PA) Preliminary Damage Assessments (PDA)s requested; 3 are completed and 29 are ongoing
- **Government Buildings:** County government offices are closed in Brazoria, Galveston, Harris, Jasper, Jefferson, Orange and San Jacinto Counties. Hardin County government offices to resume status on September 11.
- **Schools:** The following schools are closed: Aransas County (heavily damaged), Nueces, Orange, and San Patricio County
- **Hospitals:** Hospitals are closed or damaged in Bee County (1), Harris County (4), and Nueces County (2)
- **Emergency Medical Service (EMS):** EMS facilities are out of service in Brazoria, Harris and Nueces Counties (*Region VI Situation Report, September 8, 2017, 3:00 a.m. EDT*)
- **Aviation:** All major airports are at normal operations. Only Texas Gulf Coast Regional Airport is operating under restricted operations (closed except for relief aircraft)
- **Debris Management**
  - Debris Management support to Texas is a top planning priority
  - Local city and State officials have begun developing contracts and planning their operations
  - State plans to hire local company and manage the debris, with USACE providing oversight of municipalities' removal operations and disposal
- **Highway**
  - FHWA HQ and TX Division responding to FEMA mission assignment requesting public affairs subject matter experts to staff Texas Joint Field Office (JFO)
  - TX Division leadership meeting with TX DOT regional staff in the process of determining timing for joint damage assessments
  - TX Division sending 4 engineers to Houston District next week to potentially begin damage assessments
  - LA DOT planning on deploying damage assessment teams within the next week
  - Texas Highway closures: Sam Houston Tollway between I-10 and Westheimer; due to flooding
- **Maritime**
  - Corpus Christi: Open with restrictions; vessels restricted to draft not above 43ft
  - Houston Area: Open with restrictions; vessels less than 40 ft draft and daylight hours
  - Port of Beaumont: Open with restrictions; 30-foot draft restriction for the Sabine-Neches Waterway
  - Port of Port Arthur Open with restrictions; 34-foot draft restriction for the Sabine-Neches Waterway
- **Rail**
  - Significant progress has been made in the last 48 hours and all but 5 railroad subdivisions have returned to service
  - Significant progress has been made in repairing railroad infrastructure but bridge damage on multiple lines will delay returning these to service
  - Amtrak: Route between San Antonio and New Orleans remains closed
- **Transit**
  - FTA Region 6 held coordination call with TX DOT and ESF #1 RETREP on Hurricane Harvey recovery efforts on September 7, 2017
  - FTA is working on a work order to conduct damage assessments for transit agencies
- **Fuel/Pipelines:** Pipeline Hazardous Materials Safety Administration (PHMSA) receiving reports of pipeline restarts. Several are reporting integrity review are complete and restart procedures are beginning. Colonial Pipeline restarted major fuel lines that transport from TX to East Coast (Lines 1 and 2) (*Region VI Sit. Rep., September 7, 2017, 4:00 p.m. EDT*)
  - On September 5, 2017, the Federal Energy Regulatory Commission (FERC) issued a temporary waiver to Colonial Pipeline to ship gasoline with a higher Reid Vapor Pressure
- **Drinking Water/Wastewater Assessments**
  - The Texas Commission on Environmental Quality (TCEQ) and EPA have completed surveys of 4,852 drinking water facilities and 2,908 wastewater facilities in the impacted area. EPA staff embedded at TCEQ or working with the Austin Food Bank are now being repositioned to other priority assignments or demobilized (*ESF-10 Daily Sitrep 9-08-17 September 8, 2017, 12:10 p.m. EDT*).

- **Responder Lodging**

- Anticipated Federal Responder lodging available: USTS Empire State (650 beds) anticipated to arrive in Beaumont, TX September 16, 2017; USTS Kennedy (600 beds) anticipated to arrive in Houston, TX September 12, 2017. Onsite: USTS General Rudder (50 beds, 35 in use) at Galveston, TX; USS Lexington Museum at Corpus Christi (300 beds, 89 FEMA Corps aboard); Base camp at Cabaniss Field, near Corpus Christi, TX (1000 beds); Ford Park Arena in Beaumont (1,500 berths); Walmart Box Store in Houston (1444 berths) *(FEMA Region 6 RRCC, September 8, 2017, 11:47 a.m. EDT)*

## **ECONOMIC RECOVERY**

- **Small Business Administration**

<b>SBA Business Loans</b> <i>(as of 09/08/2017)</i>				
<b>State</b>	<b>Applications Received</b>	<b>Applications Approved</b>	<b>Loan \$ Approved</b>	<b>Average Loan Amount</b>
Texas	937	52	\$4,525,200	\$87,023